Rewriting Expressions as Multiples of a Sum

Name:

Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) 21 + 12 3×(7+4)

1) 16 + 33 _____

2) 24 + 14 _____

3) 36 + 16 _____

4) 6 + 24 _____

5) 12 + 6 _____

6) 10 + 22 _____

7) 30 + 22 _____

8) 6 + 2 _____

9) 33 + 42 _____

10) 42 + 24 _____

11) 20 + 24 _____

12) 22 + 33 _____

Answers

Ex. **3×(7+4)**

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Rewriting Expressions as Multiples of a Sum Name: **Answer Key**

Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) 21 + 12 3×(7+4)

1) 16 + 33 1×(16+33)

2) 24 + 14 2×(12+7)

3) 36 + 16 4×(9+4)

4) 6 + 24 6×(1+4)

5) 12 + 6 6×(2+1)

6) 10 + 22 2×(5+11)

7) 30 + 22 2×(15+11)

8) 6 + 2 2×(3+1)

9) 33 + 42 3×(11+14)

10) 42 + 24 6×(7+4)

11) 20 + 24 4×(5+6)

12) 22 + 33 11×(2+3)

Answers

Ex. **3×(7+4)**

1. **1×(16+33)**
2. **2×(12+7)**
3. **4×(9+4)**
4. **6×(1+4)**
5. **6×(2+1)**
6. **2×(5+11)**
7. **2×(15+11)**
8. **2×(3+1)**
9. **3×(11+14)**
10. **6×(7+4)**
11. **4×(5+6)**
12. **11×(2+3)**

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								